

Patent claims

1. A projection system having a light source (2), in particular having a laser light source, in which a projection light bundle (6) is produced starting from the light source (2) using an oscillating mirror (1), characterized by at least one light sensor (3), arranged in the edge region of the projection light bundle (6), for detecting the position of the oscillating mirror (1).

2. The projection system as claimed in claim 1, characterized in that the brightness of the projection light bundle (6) is modulated at least in a partial region of an image to be projected and the position of the oscillating mirror (1) can be determined by correlating the modulation of the projection light bundle (6) and of a detector signal from the light sensor (3).